

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 2663 | 708/300-323.ccls. and @ad<"20020822"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/20 19:07 |
| L2    | 2657 | (regardless near\$3 (order\$1 or sequence\$1 or input\$4)) and L1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/20 19:07 |
| L3    | 40   | L2 and (predetermin\$3 adj order\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/20 19:07 |
| L4    | 1222 | (yuji.in. and ishii.in.) or (kenji.in. and rikimaru.in.) or ("kazuyuki.in" and mori.in.) or (yuji.in. and tochio.in.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/20 19:07 |
| L5    | 3058 | 708/300-323.ccls. and @ad<"200208022"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/20 19:07 |
| L6    | 2424 | L5 and (coefficient\$1 or weight\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/20 19:07 |
| L7    | 1    | L6 and L4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/20 19:08 |
| L8    | 22   | 708/300-323.ccls. and (predetermine\$1 adj order\$1) and memory and timing  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/01/20 19:09 |

## EAST Search History

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|----|------|---|---|----|----|------------------|
| S1 | 1124 | (yuji.in. and ishii.in.) or (kenji.in. and rikimaru.in.) or ("kazuyuki.in" and mori.in.) or (yuji.in. and tochio.in.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/12 13:56 |
| S2 | 98   | S1 and filter\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/11 12:16 |
| S3 | 36   | S2 and switch\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/12 13:57 |
| S4 | 23   | S3 and @ad<"20020822"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:28 |
| S5 | 2870 | 708/300-323.ccls. and @ad<"200208022"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/12 14:03 |
| S6 | 2276 | S5 and (coefficient\$1 or weight\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:38 |
| S7 | 1    | S6 and S1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/20 19:07 |
| S8 | 454  | S6 and switch\$3 and table\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/12 14:04 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S9  | 46     | S8 and optical\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/12 14:05 |
| S10 | 41     | S9 and delay\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/12 14:05 |
| S11 | 1      | S1 and S5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/12 15:58 |
| S12 | 70     | (filter adj memory) and S5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/12 16:12 |
| S13 | 773881 | (filter\$3.ti. or filter\$3.ab. or filter\$3.clm.) and @ad<"20020802" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/12 16:13 |
| S14 | 22554  | S13 and (memory or buffer\$1) and address\$3                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/12 16:13 |
| S15 | 9442   | S14 and (coefficient\$1 or weight\$1)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/12 16:13 |
| S16 | 3249   | S15 and delay\$1 and control\$4 and (table\$1 or LUT\$1)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/12 16:14 |

## EAST Search History

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| S17 | 244  | S16 and 708/300-323.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:37 |
| S18 | 12   | ("4809209"   "5047972"   "5050118"<br>  "5307300"   "5548541"  <br>"5566101"   "5636151"  <br>"5636153").PN. OR ("6209013").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/12 16:27 |
| S19 | 1912 | (ishii.in. and yuji.in.) or (rikimaru.in.<br>and kenji.in.) or (mori.in. and<br>kazuyuki.in.) or (tochio.in. and yuji.<br>in.)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:26 |
| S20 | 148  | S19 and filter\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:26 |
| S21 | 47   | S20 and (memory or memories)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:29 |
| S22 | 2    | S21 and string\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:28 |
| S23 | 2630 | 708/300-323.ccls. and<br>@ad<"20020822"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:28 |
| S24 | 891  | S23 and address\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:29 |

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|     |     |  |   |    |    |                  |
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| S25 | 761 | S24 and (memory or memories)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:29 |
| S26 | 434 | S25 and table\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:29 |
| S27 | 249 | S26 and switch\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:29 |
| S28 | 194 | S27 and delay\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:30 |
| S29 | 140 | S28 and (predetermin\$3 or<br>pre-determin\$3 or (pre adj<br>determin\$3))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:32 |
| S30 | 0   | S29 and (switch\$3 adj table\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:31 |
| S31 | 140 | S29 and control\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:31 |
| S32 | 8   | S31 and ((predetermin\$3 or<br>pre-determin\$3 or (pre adj<br>determin\$3)) adj order) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:32 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S33 | 774593 | (filter\$3.ti. or filter\$3.ab. or filter\$3.clm.) and @ad<"20020802" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:37 |
| S34 | 22687  | S33 and (memory or buffer\$1) and address\$3                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:37 |
| S35 | 9496   | S34 and (coefficient\$1 or weight\$1)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:37 |
| S36 | 3270   | S35 and delay\$1 and control\$4 and (table\$1 or LUT\$1)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:37 |
| S37 | 246    | S36 and 708/300-323.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:37 |
| S38 | 2901   | 708/300-323.ccls. and @ad<"200208022"                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:38 |
| S39 | 2301   | S38 and (coefficient\$1 or weight\$1)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/20 20:38 |
| S40 | 2647   | 708/300-323.ccls. and @ad<"20020822"                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08 18:08 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S41 | 1031 | S40 and (table\$1 or LUT\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08 18:09 |
| S42 | 65   | S41 and string\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08 18:14 |
| S43 | 41   | switch\$3 and S42   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/08 18:14 |
| S44 | 19   | ("3963990"   "4393456"   "4682358"<br>  "5204880"   "5267269"  <br>"5325400"   "5399996"   "5487089"<br>  "5651029"   "5745564"  <br>"5798661"   "5838725"   "5966314"<br>  "5999574"   "6185263"  <br>"6188723"   "6259745"  <br>"6272509").PN. OR ("6954490").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2007/05/08 18:15 |
| S45 | 2    | "5942992".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/05 18:56 |
| S46 | 2649 | 708/300-323.ccls. and<br>@ad<"20020822"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/11 12:16 |
| S47 | 292  | regardless and order and S46  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/11 12:22 |
| S48 | 8    | S47 and (predetermin\$3 adj<br>order\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/11 12:20 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S49 | 2643 | (regardless near\$3 (order\$1 or sequence\$1 or input\$4)) and S46 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/11 12:19 |
| S50 | 40   | S49 and (predetermin\$3 adj order\$1)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/20 19:07 |
| S51 | 0    | S47 and (switch\$3 adj (table\$1 or LUT\$1)) and address\$3        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/11 12:23 |
| S52 | 0    | S46 and (switch\$3 adj (table\$1 or LUT\$1)) and address\$3        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/11 12:23 |